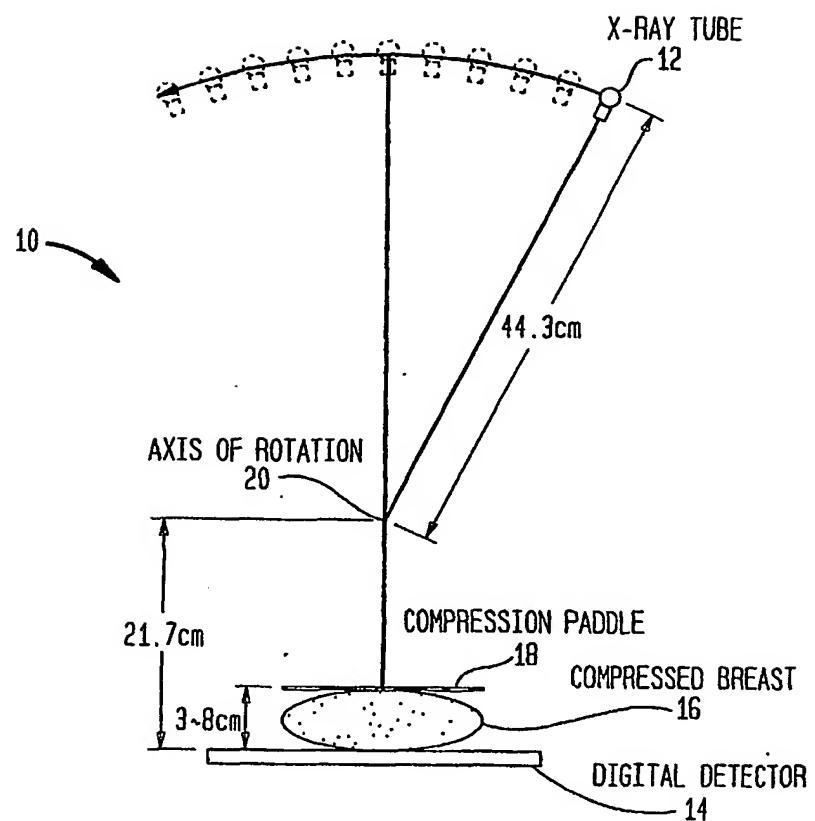


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FIG. 1A



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FIG. 1B

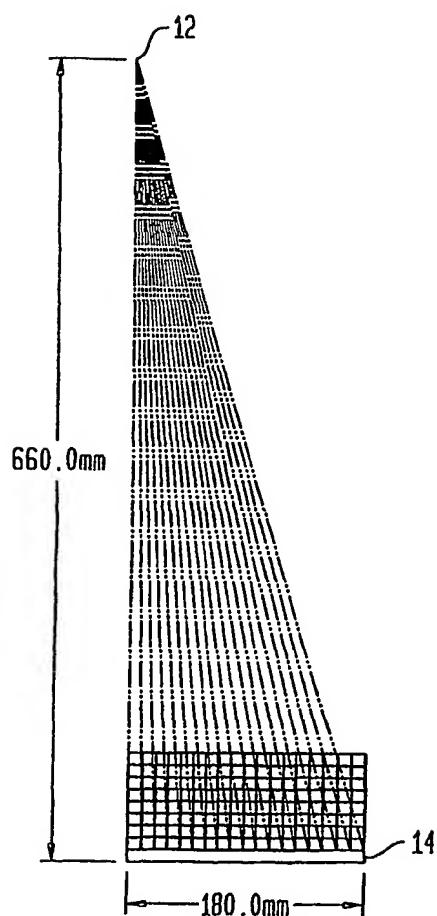
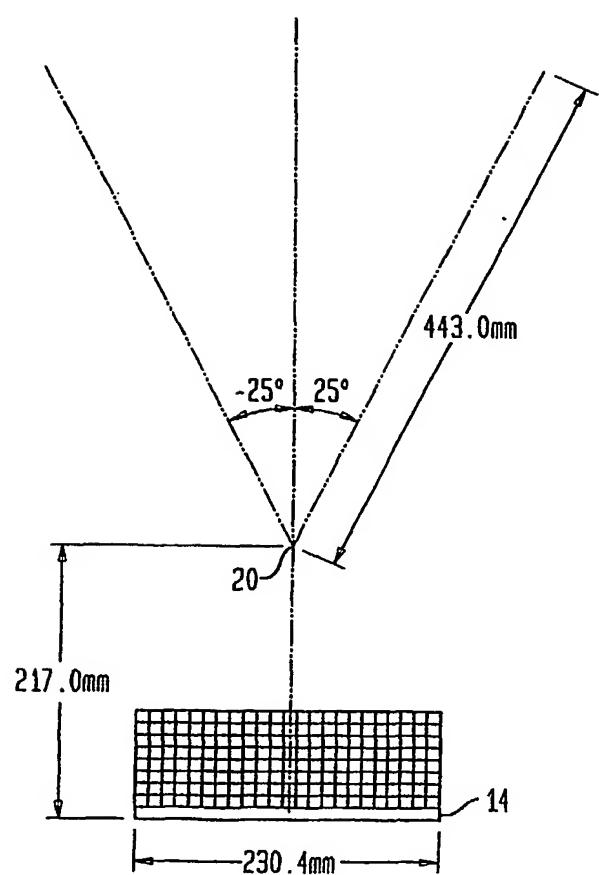


FIG. 1C



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FIG. 2

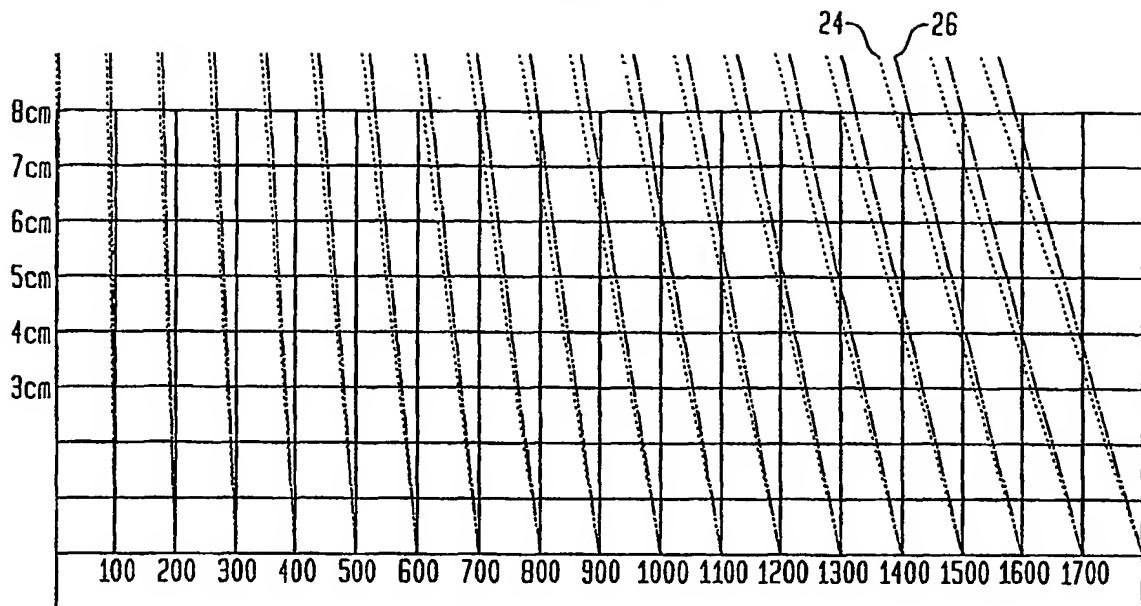


FIG. 3A

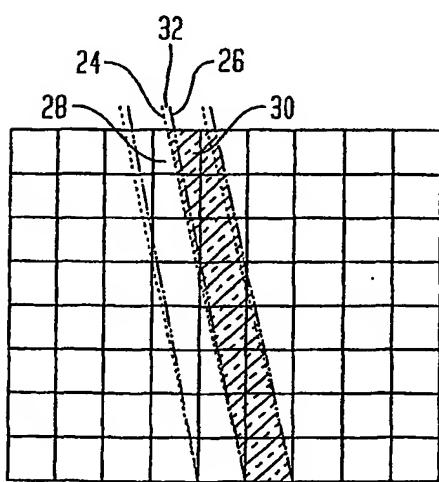
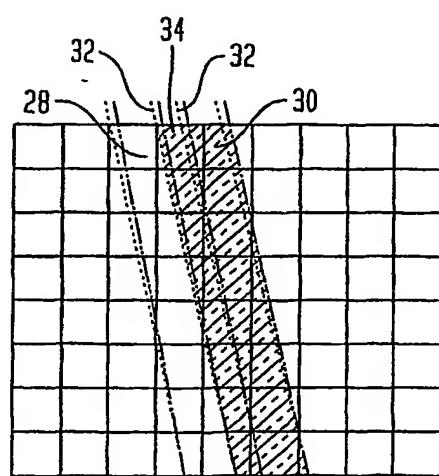
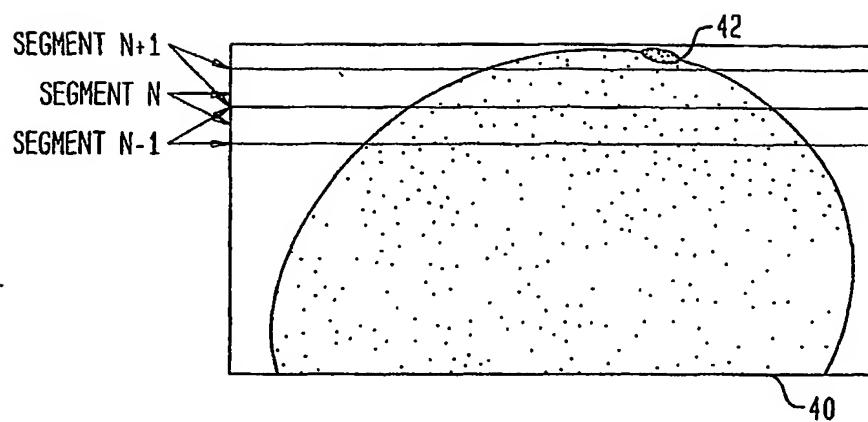


FIG. 3B



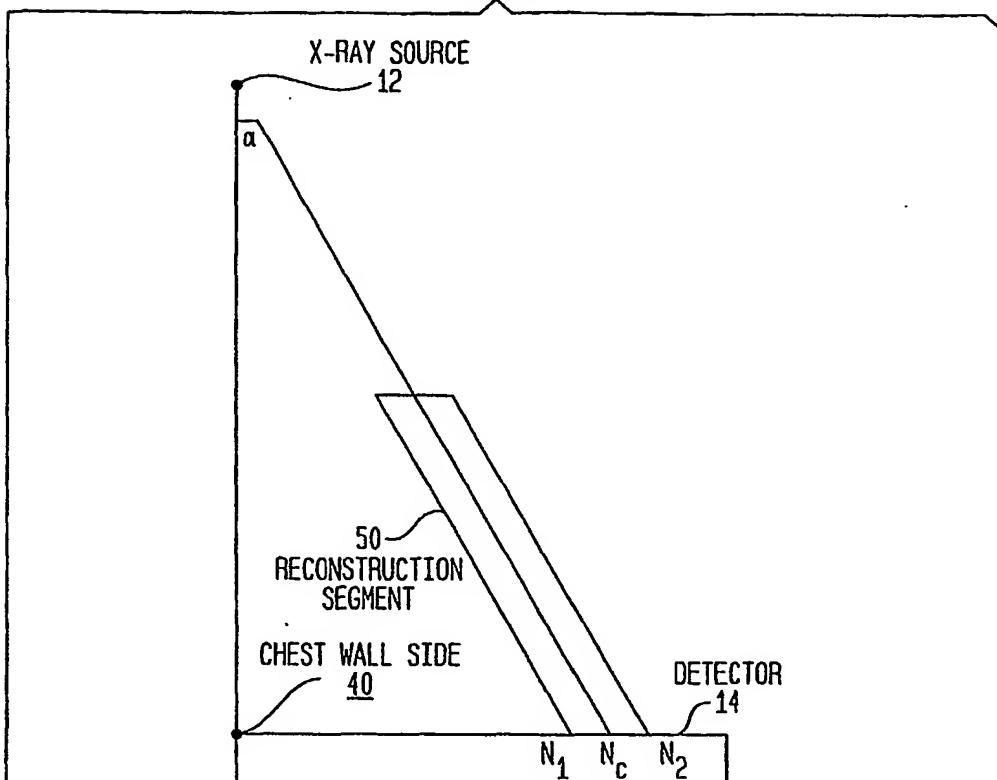
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FIG. 4



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FIG. 5



LEGEND FOR FIGURE 5

N_1 : INDEX OF THE FIRST DETECTOR ROW IN SEGMENT N
 N_2 : INDEX OF THE LAST DETECTOR ROW IN SEGMENT N
 N_c : INDEX OF THE CENTER ROW IN SEGMENT N
 $N_c = 25 \cdot N$
 $N_1 = 25 \cdot N + 49$
 $N_2 = 25 \cdot N + 25$

THE SLOPE OF THE VOLUME IS REPRESENTED BY α , THE ANGLE MADE BY THE DETECTOR PLANE AND THE LINE CONNECTING THE CENTER OF SEGMENT N AND THE X-RAY SOURCE AT 0° :

$$\tan(\alpha) = (N_c \cdot \Delta) / SD$$

Δ : DETECTOR PIXEL SIZE
 SD : SOURCE-TO-DETECTOR DISTANCE

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FIG. 6

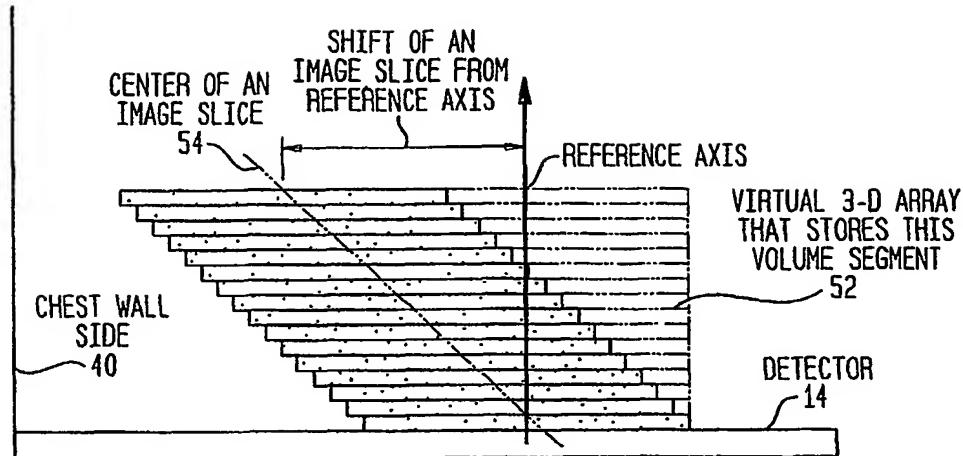
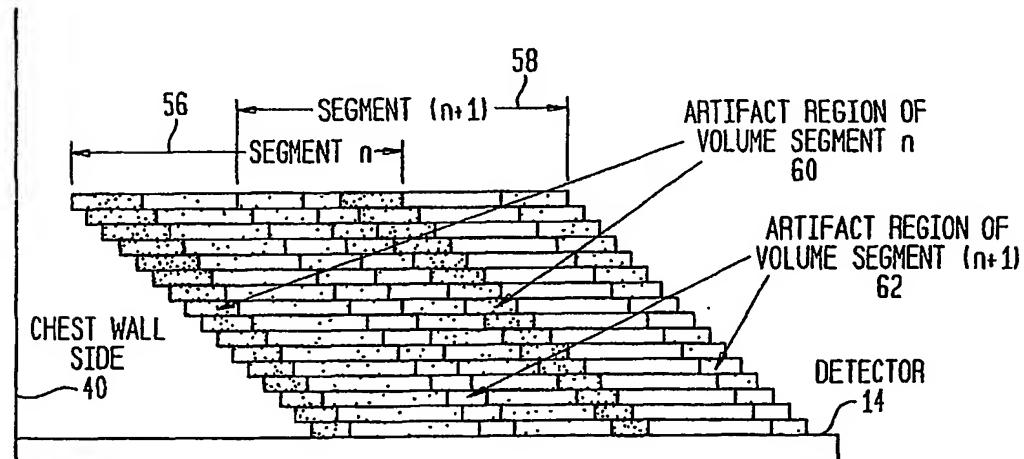


FIG. 7



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FIG. 8A

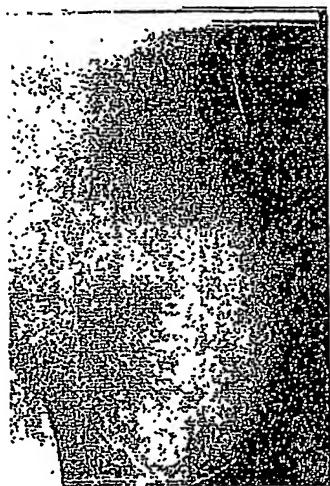


FIG. 8B

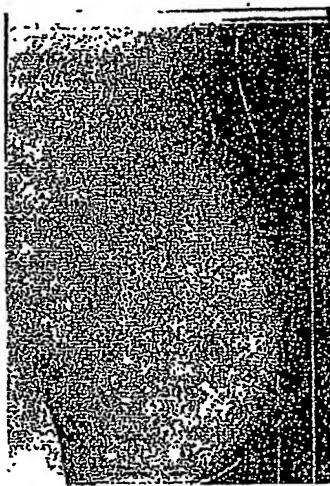


FIG. 8C

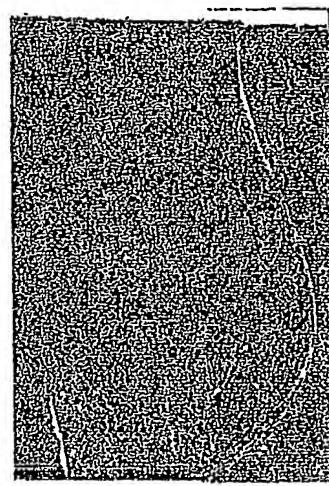


FIG. 9A



FIG. 9B

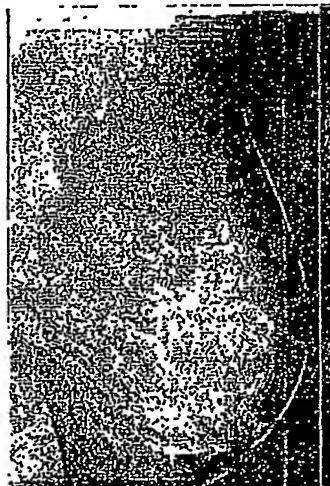
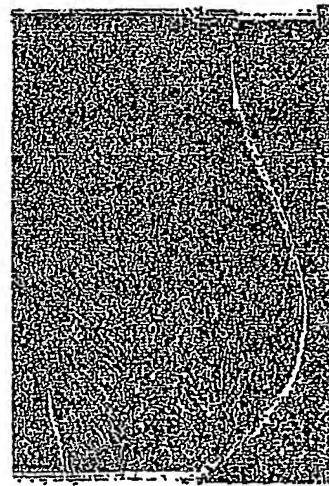
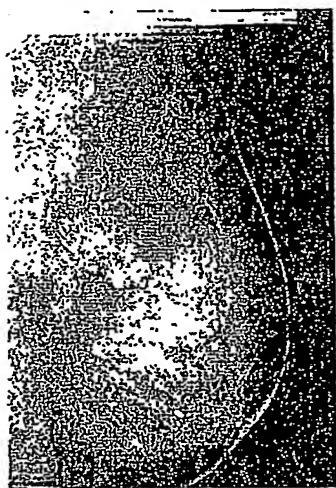
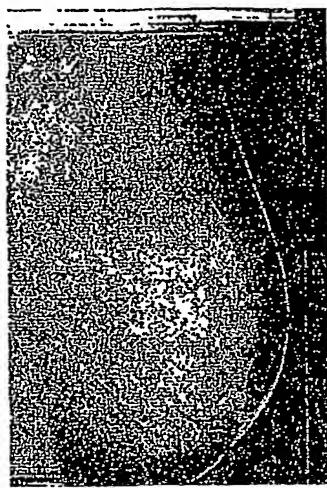
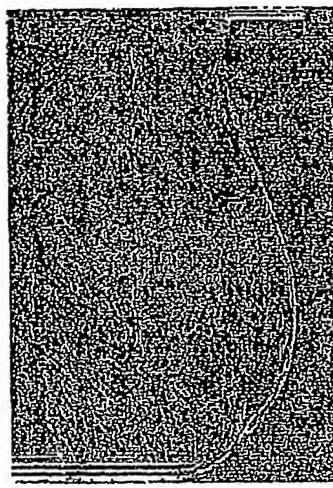
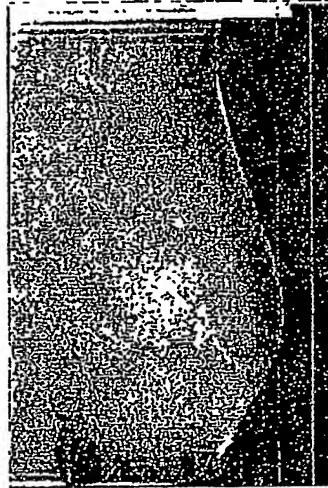


FIG. 9C



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FIG. 10A**FIG. 10B****FIG. 10C****FIG. 11A****FIG. 11B****FIG. 11C**